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IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Kenneth Kay Smith et al.

Confirmation No.:

Application No.: 10/790,360

Examiner: Unknown

Filing Date: March 1, 2004

Group Art Unit: Unkn.

Title: SYSTEM FOR ERROR CORRECTION CODING AND DECODING

Mail Stop  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- ( ) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below (X) Supplemental Declaration  
( ) No additional fee  
(X) Other: Crcd Invtshp; Stat 1.48; Stat 3.73; Consent; Assign Copies (fee \$                     )

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$86	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$280	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Kenneth Kay Smith et al.

By Steven E. Dicke

Steven E. Dicke

Attorney/Agent for Applicant(s)  
Reg. No. 38,431

Date: June 21, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

Date of Deposit: June 21, 2004

Typed Name: Steven E. Dicke

Signature: Steven E. Dicke



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kenneth Kay Smith et al.

Examiner: Unknown

Serial No.: 10/790,360

Group Art Unit: Unkn.

Filed: / March 1, 2004

Docket No.: 10014266-1

Title: SYSTEM FOR ERROR CORRECTION CODING AND DECODING

**CORRECTION OF INVENTORSHIP UNDER 37 C.F.R. 1.48(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

1. This Amendment and Petition is being filed under 37 CFR 1.48(a) to correct the inventive entity as set forth in error in the executed Declaration filed on **March 1, 2004**, in the above-identified patent application.

2. Addition and/or Deletion of Inventor(s):

☒ Please add the following previously unnamed person(s) as inventor(s) in the above-identified patent application:

**Stewart R. Wyatt**

☐ Please delete the following previously incorrectly named person(s) as inventor(s) in the above-identified patent application:

3. Attached is:

(a) a statement from:

☒ each person being added as an inventor that the error in inventorship occurred without deceptive intention on his or her part. 37 CFR 1.48(a)(2).

☐ each person being deleted as an inventor that the error in inventorship occurred without deceptive intention on his or her part. 37 CFR 1.48(a)(2);

**Correction of Inventorship Under 37 C.F.R. 1.48(a)**

Applicant: Kenneth Kay Smith et al.

Serial No.: 10/790,360

Filed: March 1, 2004

Docket No.: 10014266-1

Title: SYSTEM FOR ERROR CORRECTION CODING AND DECODING

(b) a Declaration by the actual inventor(s) as required by 37 CFR 1.63 (or as permitted by §§1.42, 1.43, or 1.47). 37 CFR 1.48(a)(3); and

(c) the written consent of the assignee. 37 CFR 1.48(a)(5).

4. The fee set forth in 37 CFR 1.17(i) is paid as follows:

☐ Enclosed is a check for \$130.00.

☒ Please charge Deposit Account 08-2025 in the sum of \$130.00.

☒ Please charge Deposit Account 08-2025 for any fee deficiency in the above-identified patent application.

Respectfully submitted,

Kenneth Kay Smith et al.,

By their attorneys,

DICKE, BILLIG & CZAJA, PLLC

Fifth Street Towers

100 South Fifth Street, Suite 2250

Minneapolis, MN 55402

Telephone: (612) 573-2002

Facsimile: (612) 573-2005

Date: June 21, 2004  
SED:jan

Steven E. Dicke  
Steven E. Dicke  
Reg. No. 38,431

**CERTIFICATE UNDER 37 C.F.R. 1.8:** The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope address to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21 day of June, 2004.

By Steven E. Dicke  
Name: Steven E. Dicke



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kenneth Kay Smith et al.

Examiner: Unknown

Serial No.: 10/790,360

Group Art Unit: Unkn.

Filed: March 1, 2004

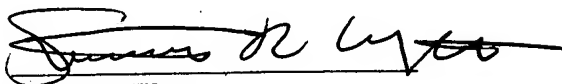
Docket No.: 10014266-1

Title: SYSTEM FOR ERROR CORRECTION CODING AND DECODING

**STATEMENT UNDER 37 C.F.R. 1.48(a)(2)**

I, **Stewart R. Wyatt**, hereby state that I am to be added as an inventor in the above-identified patent application. The error in inventorship occurred without deceptive intention on my part.

5/13/2004  
Date

  
Stewart R. Wyatt



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kenneth Kay Smith et al.

Examiner: Unknown

Serial No.: 10/790,360

Group Art Unit: Unkn.

Filed: March 1, 2004

Docket No.: 10014266-1

Title: SYSTEM FOR ERROR CORRECTION CODING AND DECODING

**CONSENT UNDER 37 C.F.R. 1.48(a)(5)**

**HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.**, a Limited Partnership, states that it is the assignee of the entire right, title, and interest in the above-identified patent application. Attached is a statement under 37 CFR 3.73(b) to establish ownership of the application in accordance with 37 CFR 3.73. MPEP § 324.

**HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.** hereby consents to the requested inventorship correction in the above-identified patent application.

The undersigned (whose title is supplied below) has the authority to act on behalf of the assignee.

5-25-2004  
Date

Guy J. Kelley  
Signature

Guy J. Kelley  
Typed or printed name

Assistant General Counsel  
Title

## PATENTS ONLY

Attorney Docket No. 10014266-1

## 1. Name of conveying party(ies):

Kenneth Kay Smith

Jonathan Jedwab

James A. Davis

David Banks



## 2. Name and address of receiving party(ies):

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

20555 SH 249

Houston, TX 77070

Additional name(s) of conveying party(ies) attached ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Change of Name☐ Security Agreement☐ Other

Execution Date(s): 12/19/03;01/21/04;02/02/04;02/19/04

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, execution date of the application is: 12/19/03  
01/21/04

A. Patent Application No.(s)

B. Patent No.(s) 02/02/04

02/19/04

Application No.:

Date Filed:

Confirmation No.:

Additional numbers attached? NO

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Records Manager  
Intellectual Property Administration  
HEWLETT-PACKARD COMPANY  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

6. Total number of applications and patents involved: 1

## 7. Total Fee (37 CFR 3.41): . . . \$40.00

☐ Enclosed☒ Authorization to be charged to deposit account.8. Deposit Account Number: 08-2025

## DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Steven E. Dicke

Name of Person Signing

Signature

Mar 01, 2004

Date

Total number of pages including cover sheet, attachments, and document: 5

OMB No. 0651-0011 (exp. 4/94)

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Alexandria, VA 22313-1450

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Intellectual Property Administrator  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10014266-1



**ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

**SYSTEM FOR ERROR CORRECTION CODING AND DECODING**

Filing date: \_\_\_\_\_ Application No.: \_\_\_\_\_

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

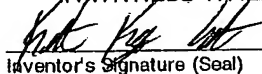
I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

 Date Assignment Signed: 19 Dec 2003

Inventor's Signature (Seal)

Inventor's Typed Name: Kenneth Kay Smith Date Application Signed: 19 Dec 2003

State of \_\_\_\_\_ )  
 ) ss.:  
County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared Kenneth Kay Smith who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public

My commission expires: \_\_\_\_\_



When recorded please file to:  
HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION  
ATTORNEY DOCKET NO. 10014266-1

COPY

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

J. Sedwab Date Assignment Signed: 19 Feb 2004  
Inventor's Signature (Seal)

Inventor's Typed Name: Jonathan Jedwab Date Application Signed: \_\_\_\_\_

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared Jonathan Jedwab who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public  
My commission expires: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature (Seal) Date Assignment Signed: \_\_\_\_\_

Inventor's Typed Name: James A. Davis Date Application Signed: \_\_\_\_\_

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared James A. Davis who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public  
My commission expires: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature (Seal) Date Assignment Signed: \_\_\_\_\_

Inventor's Typed Name: David Banks Date Application Signed: \_\_\_\_\_

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared David Banks who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public  
My commission expires: \_\_\_\_\_

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2

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Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION  
ATTORNEY DOCKET NO. 10014266-1



ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

\_\_\_\_\_  
Date Assignment Signed: \_\_\_\_\_  
Inventor's Signature (Seal)  
Inventor's Typed Name: Jonathan Jedwab Date Application Signed: \_\_\_\_\_  
State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared Jonathan Jedwab who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

\_\_\_\_\_  
Notary Public  
My commission expires: \_\_\_\_\_

James A. Davis Date Assignment Signed: 2/2/04  
Inventor's Signature (Seal)  
Inventor's Typed Name: James A. Davis Date Application Signed: 2/2/04  
State of Virginia )  
County of Richmond ) ss.:  
City of \_\_\_\_\_ )

Before me this 2 day of February 2004, personally appeared James A. Davis who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Jane Lynn Roberts  
Notary Public  
My commission expires: 09-30-05

\_\_\_\_\_  
Date Assignment Signed: \_\_\_\_\_  
Inventor's Signature (Seal)  
Inventor's Typed Name: David Banks Date Application Signed: \_\_\_\_\_  
State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:  
County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared David Banks who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

\_\_\_\_\_  
Notary Public  
My commission expires: \_\_\_\_\_

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2

When recorded please return.  
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P. O. Box 272400  
Fort Collins, Colorado 80527-2400

PATENT APPLICATION  
ATTORNEY DOCKET NO. 10014266-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

\_\_\_\_\_  
Date Assignment Signed: \_\_\_\_\_  
Inventor's Signature (Seal)

Inventor's Typed Name: Jonathan Jedwab Date Application Signed: \_\_\_\_\_

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared Jonathan Jedwab who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

\_\_\_\_\_  
Notary Public  
My commission expires: \_\_\_\_\_

\_\_\_\_\_  
Date Assignment Signed: \_\_\_\_\_  
Inventor's Signature (Seal)

Inventor's Typed Name: James A. Davis Date Application Signed: \_\_\_\_\_

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared James A. Davis who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

\_\_\_\_\_  
Notary Public  
My commission expires: \_\_\_\_\_

David Banks \_\_\_\_\_  
Date Assignment Signed: 21/01/04  
Inventor's Signature (Seal)

Inventor's Typed Name: David Banks Date Application Signed: 21/01/04

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss.:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, personally appeared David Banks who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

\_\_\_\_\_  
Notary Public  
My commission expires: \_\_\_\_\_

ATTORNEY DOCKET NO. 10014266-1

My residence/post office address and citizenship are as stated below next to my name;

## SYSTEM FOR ERROR CORRECTION CODING AND DECODING

The specification of which is attached hereto unless the following box is checked:

( ) was filed on \_\_\_\_\_ as US Application No. or PCT International Application  
Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES: _____ NO: _____
			YES: _____ NO: _____

I hereby claim the benefit under Title 35, United States Code Section 119(e) of any United States provisional application(s) listed below:

APPLICATION NUMBER	FLING DATE

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT International filing date of this application:

APPLICATION NUMBER	FILING DATE	STATUS (patented/pending/abandoned)

**POWER OF ATTORNEY:**  
As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence to:

Customer Number 022879

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

Direct Telephone Calls to:  
Philip S. Lyren  
(541) 514-8236

Even though the attorney is listed, please associate HP's Customer Number 022879 with this case.

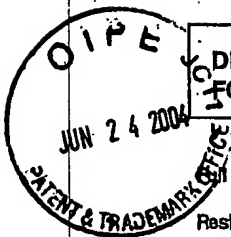
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Kenneth Kay Smith      Citizenship: U.S.

Residence: 11776 W. Rader Dr., Boise, ID 83713

Post Office Address: Same as Residence

Inventor's Signature Grant Perry Date 26 May 2004



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 10014266-1

Full Name of # 2 Joint Inventor: Jonathan Jedwab

Citizenship: United Kingdom

Residence: 2805-1067 Marinaside Crescent, Vancouver, B.C. Canada V6Z3A4

Post Office Address: Same as Residence

Inventor's Signature J. Jedwab

Date 19 May 2004

Full Name of # 3 Joint Inventor: James A. Davis

Citizenship: U.S.

Residence: 2214 Grainmill Court, Richmond, VA 23233-2743

Post Office Address: Same as Residence

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 4 Joint Inventor: David Banks

Citizenship: United Kingdom

Residence: 53 Henleaze Park Drive, Bristol, BS9 4LN, England

Post Office Address: Same as Residence

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 5 Joint Inventor: Stewart R. Wyatt

Citizenship: U.S.

Residence: 10476 Barnsdale Dr., Boise, ID 83704

Post Office Address: Same as Residence

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 6 Joint Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 7 Joint Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

Full Name of # 8 Joint Inventor: \_\_\_\_\_

Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

Inventor's Signature \_\_\_\_\_

Date \_\_\_\_\_

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 10014266-1

Full Name of # 2 Joint Inventor: Jonathan Jedwab

Citizenship: United Kingdom

Residence:

2805-1067 Marinaside Crescent, Vancouver, B.C. Canada V6Z3A4

Post Office Address:

Same as Residence

Inventor's Signature

Date

Full Name of # 3 Joint Inventor: James A. Davis

Citizenship: U.S.

Residence:

2214 Grainmill Court, Richmond, VA 23233-2743

Post Office Address:

Same as Residence

Inventor's Signature

Date

5/14/04

Full Name of # 4 Joint Inventor: David Banks

Citizenship: United Kingdom

Residence:

53 Henleaze Park Drive, Bristol, BS9 4LN, England

Post Office Address:

Same as Residence

Inventor's Signature

Date

Full Name of # 5 Joint Inventor: Stewart R. Wyatt

Citizenship: U.S.

Residence:

10476 Barnsdale Dr., Boise, ID 83704

Post Office Address:

Same as Residence

Inventor's Signature

Date

Full Name of # 6 Joint Inventor:

Citizenship:

Residence:

Post Office Address:

Inventor's Signature

Date

Full Name of # 7 Joint Inventor:

Citizenship:

Residence:

Post Office Address:

Inventor's Signature

Date

Full Name of # 8 Joint Inventor:

Citizenship:

Residence:

Post Office Address:

Inventor's Signature

Date

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 10014266-1

JUN 24 2004

Full Name of # 2 joint inventor: Jonathan Jedwab

Citizenship: United Kingdom

Residence:

2805-1067 Marinaside Crescent, Vancouver, B.C. Canada V6Z3A4

Post Office Address:

Same as Residence

Inventor's Signature

Date

Full Name of # 3 joint inventor: James A. Davis

Citizenship: U.S.

Residence:

2214 Grainmill Court, Richmond, VA 23233-2743

Post Office Address:

Same as Residence

Inventor's Signature

Date

Full Name of # 4 joint inventor: David Banks

Citizenship: United Kingdom

Residence:

53 Henleaze Park Drive, Bristol, BS9 4LN, England

Post Office Address:

Same as Residence

Inventor's Signature

Date

27 MAY 2004

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Residence:

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Inventor's Signature

Date

Full Name of # 6 joint inventor:

Citizenship:

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Date

Full Name of # 7 joint inventor:

Citizenship:

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Inventor's Signature

Date

Full Name of # 8 joint inventor:

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Inventor's Signature

Date



DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION (continued)

ATTORNEY DOCKET NO. 10014266-1

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Full Name of # 6 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
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Full Name of # 7 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
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Full Name of # 8 Joint Inventor: \_\_\_\_\_ Citizenship: \_\_\_\_\_  
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Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Kenneth Kay Smith et al.

Examiner: Unknown

Serial No.: 10/790,360

Group Art Unit: Unkn.

Filed: March 1, 2004

Docket No.: 10014266-1

Title: SYSTEM FOR ERROR CORRECTION CODING AND DECODING

**STATEMENT UNDER 37 C.F.R. 3.73(b)**

Hewlett-Packard Development Company L.P., a Limited Partnership, states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest. The extent (by, percentage) of its ownership interest is \_\_\_\_%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached. Note: Assignment has not yet been recorded.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached.

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3. From: \_\_\_\_\_ To: \_\_\_\_\_

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- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to the Assignment Division in accordance with 37 C.F.R. Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

5-25-2004  
Date

Guy J. Kelley  
Signature

Guy J. Kelley  
Typed or printed name

Assistant General Counsel  
Title